



CITTA' DI MONTORO

Provincia di Avellino



PIANO URBANISTICO COMUNALE (P.U.C.)

ELABORATO
G.1.3

INDAGINI IN SITO PROSPEZIONI SISMICHE

Il Sindaco
Dr. Mario Bianchino

I Progettisti
Prof. Arch. Massimo Pica
Ciamarra
Legale rappresentante della "PCAint
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Dr. Arch. Fausto Germanò

Il RUP
Dr. Arch. Massimo Izzo

I Tecnici
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DATA: DICEMBRE 2017

PROSPEZIONI SISMICHE M.A.S.W.

Numerazione prova	Profondità rispetto al p.c. del top della misura del parametro in metri	Profondità rispetto al p.c. del bottom della misura del parametro in metri	Spessore del livello investigato	Valore assoluto del parametro (m/s)	Vs30
MASW 1	0,0	2,0	2	170	265
	2,0	14,0	12	200	
	14,0	21,0	7	300	
	21,0	30,0	9	500	
MASW 2	0,0	2,0	2	150	224
	2,0	23,0	21	200	
	23,0	30,0	7	450	
MASW 3	0,0	8,0	8	250	335
	8,0	15,0	7	300	
	15,0	26,0	11	400	
	26,0	30,0	4	600	
MASW 4	0,0	2,0	2	120	272
	2,0	14,0	12	200	
	14,0	20,0	6	300	
	20,0	22,0	2	550	
	22,0	30,0	8	800	
MASW 5	0,0	4,0	4	150	328
	4,0	8,0	4	200	
	8,0	11,0	3	300	
	11,0	14,0	3	400	
MASW 6	0,0	2,0	2	120	277
	2,0	14,0	12	200	
	14,0	21,0	7	350	
	21,0	22,0	1	600	
MASW 7	0,0	4,0	4	150	278
	4,0	21,0	17	250	
	21,0	25,0	4	600	
	25,0	27,0	2	700	
MASW 8	0,0	6,0	6	150	296
	6,0	15,0	9	250	
	15,0	24,0	9	500	
	24,0	30,0	6	800	
MASW 9	0,0	3,0	3	100	256
	3,0	28,0	25	300	
	28,0	30,0	2	500	
MASW 10	0,0	9,0	9	250	349
	9,0	14,0	5	350	
	14,0	30,0	16	450	
MASW 11	0,0	3,0	3	100	279
	3,0	12,0	9	250	
	26,0	30,0	4	600	
MASW 12	0,0	3,5	3,5	150	232
	3,5	20,0	16,5	220	
	20,0	28,0	8	300	
	28,0	30,0	2	450	

MASW 13	0,0	12,0	12	200	357
	12,0	14,0	2	500	
	14,0	30,0	16	800	
MASW 14	0,0	25,0	25	200	225
	25,0	30,0	5	600	
MASW 15	0,0	4,0	4	100	206
	4,0	11,0	7	200	
	11,0	25,0	14	260	
	25,0	30,0	5	300	
MASW 16	0,0	5,0	5	150	299
	5,0	10,0	5	200	
	10,0	17,0	7	300	
	17,0	30,0	13	700	
MASW 17	0,0	16,0	16	160	239
	16,0	22,0	6	450	
	22,0	26,0	4	600	
	26,0	30,0	4	700	
MASW 18	0,0	4,0	4	180	239
	4,0	29,0	25	250	
	29,0	30,0	1	300	
MASW 19	0,0	11,0	11	160	304
	11,0	16,0	5	400	
	16,0	30,0	14	800	
MASW 20	0,0	4,0	4	150	347
	4,0	13,0	9	350	
	13,0	30,0	17	500	
MASW 21	0,0	4,0	4	150	365
	4,0	8,0	4	300	
	8,0	18,0	10	400	
	18,0	30,0	12	700	
MASW 22	0,0	3,0	3	120	269
	3,0	22,0	19	270	
	22,0	30,0	8	500	
MASW 23	0,0	3,0	3	120	262
	3,0	14,5	11,5	250	
	14,5	29,0	14,5	350	
	29,0	30,0	1	500	
MASW 24	0,0	21,0	21	250	315
	21,0	30,0	9	800	
MASW 25	0,0	9,0	9	150	284
	9,0	19,0	10	350	
	19,0	30,0	11	650	
MASW 26	0,0	13,0	13	200	286
	13,0	19,0	6	300	
	19,0	30,0	11	550	
MASW 27	0,0	3,0	3	150	305
	3,0	23,0	20	300	
	23,0	30,0	7	600	
MASW 28	0,0	6,0	6	200	364
	6,0	23,0	17	400	
	23,0	30,0	7	700	
MASW 29	0,0	6,0	6	200	327
	6,0	24,0	18	350	
	24,0	28,0	4	500	
	28,0	30,0	2	900	
MASW 30	0,0	6,0	6	150	268
	6,0	18,0	12	250	
	18,0	30,0	12	500	

MASW 31	0,0	5,0	5	100	208
	5,0	27,0	22	250	
	27,0	30,0	3	500	
MASW 32	0,0	4,0	4	130	303
	4,0	13,0	9	300	
	13,0	26,0	13	400	
	26,0	30,0	4	700	
MASW 33	0,0	6,0	6	150	238
	6,0	15,0	9	250	
	15,0	30,0	15	300	
MASW 34	0,0	9,0	9	200	321
	9,0	16,0	7	300	
	16,0	26,0	10	400	
	26,0	30,0	4	700	
MASW 35	0,0	4,0	4	200	396
	4,0	13,0	9	300	
	13,0	17,0	4	550	
	17,0	30,0	13	700	
MASW 36	0,0	12,0	12	200	267
	12,0	21,0	9	300	
	21,0	30,0	9	400	
MASW 37	0,0	4,0	4	150	298
	4,0	15,0	11	300	
	15,0	30,0	15	400	
MASW 38	0,0	7,0	7	150	304
	7,0	25,0	18	400	
	25,0	30,0	5	700	
MASW 39	0,0	7,0	7	150	346
	7,0	11,0	4	300	
	11,0	14,0	3	450	
	14,0	30,0	16	800	
MASW 40	0,0	4,0	4	110	212
	4,0	18,0	14	200	
	18,0	24,0	6	250	
	24,0	30,0	6	550	
MASW 41	0,0	3,0	3	200	336
	3,0	9,0	6	250	
	9,0	28,0	19	400	
	28,0	30,0	2	700	
MASW 42	0,0	3,0	3	120	316
	3,0	12,0	9	300	
	12,0	30,0	18	450	
MASW 43	0,0	4,0	4	150	282
	4,0	12,0	8	200	
	12,0	19,0	7	300	
	19,0	27,0	8	600	
MASW 44	0,0	6,0	6	120	318
	6,0	10,0	4	300	
	10,0	18,0	8	500	
	18,0	30,0	12	800	
MASW 45	0,0	2,0	2	150	399
	2,0	14,0	12	350	
	14,0	24,0	10	500	
	24,0	30,0	6	800	
MASW 46	0,0	3,0	3	150	264
	3,0	16,0	13	200	
	16,0	20,0	4	350	
	20,0	26,0	6	500	
	26,0	30,0	4	800	

MASW 47	0,0	3,0	3	190	#DIV/0!
	3,0	17,0	14	350	
	17,0	28,0	11	500	
	28,0	30,0	2	700	
MASW 48	0,0	15,0	15	200	266
	15,0	22,0	7	300	
	22,0	30,0	8	550	
MASW 49	0,0	13,0	13	200	314
	13,0	15,0	2	300	
	15,0	27,0	12	600	
	27,0	30,0	3	800	
MASW 50	0,0	5,0	5	130	229
	5,0	13,0	8	200	
	13,0	24,0	11	270	
	24,0	30,0	6	500	
MASW 51	0,0	4,0	4	140	294
	4,0	13,0	9	200	
	13,0	17,0	4	400	
	17,0	30,0	13	700	
MASW 52	0,0	5,0	5	160	282
	5,0	9,0	4	200	
	9,0	14,0	5	300	
	14,0	27,0	13	400	
	27,0	30,0	3	500	
MASW 53	0,0	4,0	4	200	262
	4,0	22,0	18	250	
	22,0	27,0	5	300	
	27,0	30,0	3	500	
MASW 54	0,0	11,0	11	200	370
	11,0	14,0	3	500	
	14,0	30,0	16	800	
MASW 55	0,0	14,0	14	200	287
	14,0	19,0	5	400	
	19,0	30,0	11	500	
MASW 56	0,0	18,0	18	200	247
	18,0	20,0	2	300	
	20,0	30,0	10	400	
MASW 57	0,0	5,0	5	200	323
	5,0	11,0	6	250	
	11,0	18,0	7	350	
	18,0	30,0	12	500	
MASW 58	0,0	6,0	6	150	317
	6,0	14,0	8	300	
	14,0	19,0	5	450	
	19,0	30,0	11	650	
MASW 59	0,0	7,0	7	130	218
	7,0	17,0	10	200	
	17,0	26,0	9	350	
	26,0	30,0	4	500	
MASW 60	0,0	10,0	10	150	237
	10,0	16,0	6	200	
	16,0	18,0	2	250	
	18,0	25,0	7	450	
	25,0	30,0	5	800	
	0,0	3,0	3	150	
MASW 61	3,0	14,0	11	200	279
	14,0	24,0	10	400	
	24,0	30,0	6	800	

MASW 62	0,0	3,0	3	140	288
	3,0	12,0	9	230	
	12,0	25,0	13	400	
	25,0	30,0	5	450	
MASW 63	0,0	3,0	3	150	288
	3,0	18,0	15	250	
	18,0	25,0	7	400	
	25,0	30,0	5	750	
MASW 64	0,0	14,0	14	200	294
	14,0	30,0	16	500	
MASW 65	0,0	8,0	8	170	265
	8,0	20,0	12	300	
	20,0	30,0	10	380	
MASW 66	0,0	4,0	4	120	279
	4,0	13,0	9	280	
	13,0	26,0	13	370	
	26,0	30,0	4	570	
MASW 67	0,0	4,0	4	150	320
	4,0	13,0	9	200	
	13,0	17,0	4	700	
	17,0	30,0	13	800	
MASW 68	0,0	3,0	3	150	313
	3,0	14,0	11	250	
	14,0	30,0	16	500	
MASW 269	0,0	8,0	8	150	320
	8,0	11,0	3	300	
	11,0	16,0	5	400	
	16,0	18,0	2	700	
	18,0	30,0	12	800	
MASW 70	0,0	5,0	5	150	324
	5,0	15,0	10	350	
	15,0	20,0	5	400	
	20,0	30,0	10	550	
MASW 71	0,0	3,5	3,5	150	274
	3,5	18,0	14,5	250	
	18,0	24,0	6	320	
	24,0	30,0	6	650	
MASW 72	0,0	5,0	5	150	292
	5,0	10,0	5	280	
	25,0	27,0	2	450	
	27,0	30,0	3	700	
MASW 73	0,0	5,0	5	350	461
	5,0	20,0	15	400	
	20,0	22,0	2	600	
	22,0	30,0	8	800	
MASW 74	0,0	3,5	3,5	400	716
	3,5	30,0	26,5	800	
MASW 75	0,0	5,0	5	180	467
	5,0	9,0	4	340	
	9,0	16,0	7	450	
	16,0	21,0	5	550	
	21,0	30,0	9	700	
MASW 76	0,0	3,0	3	200	322
	3,0	20,0	17	300	
	20,0	25,0	5	400	
	25,0	30,0	5	550	
MASW 77	0,0	6,0	6	200	390
	6,0	10,0	4	350	
	10,0	22,0	12	500	
	22,0	30,0	8	700	

MASW 78	0,0	3,5	3,5	100	328
	3,5	7,0	3,5	200	
	7,0	11,0	4	350	
	11,0	16,0	5	500	
	16,0	30,0	14	800	
MASW 79	0,0	3,0	3	100	283
	3,0	13,0	10	300	
	13,0	30,0	17	400	
MASW 80	0,0	20,0	20	200	253
	20,0	22,0	2	400	
	22,0	28,0	6	550	
	28,0	29,0	1	650	
	29,0	30,0	1	800	
MASW 81	0,0	3,0	3	120	276
	3,0	6,0	3	200	
	6,0	30,0	24	350	
MASW 82	12,0	17,0	5	260	248
	17,0	27,0	10	550	
	27,0	30,0	3	800	
MASW 83	0,0	9,0	9	150	221
	9,0	20,0	11	220	
	20,0	29,0	9	370	
	29,0	30,0	1	600	
MASW 84	0,0	5,0	5	160	294
	5,0	16,0	11	300	
	16,0	29,0	13	400	
	29,0	30,0	1	600	
MASW 85	0,0	8,0	8	170	295
	8,0	19,0	11	350	
	19,0	26,0	7	400	
	26,0	30,0	4	700	
MASW 86	0,0	6,5	6,5	130	201
	6,5	21,0	14,5	200	
	21,0	28,0	7	300	
	28,0	30,0	2	600	
MASW 87	0,0	3,0	3	130	269
	3,0	19,0	16	250	
	19,0	30,0	11	450	
MASW 88	0,0	4,0	4	150	228
	4,0	11,0	7	200	
	11,0	23,0	12	250	
	23,0	29,0	6	300	
	29,0	30,0	1	500	
MASW 89	0,0	3,0	3	200	326
	3,0	12,0	9	300	
	12,0	25,0	13	350	
	25,0	30,0	5	500	
MASW 90	0,0	2,5	2,5	200	611
	2,5	9,0	6,5	350	
	9,0	18,0	9	500	
	18,0	25,0	7	550	
	25,0	30,0	5	700	
MASW 91	0,0	7,0	7	170	392
	7,0	30,0	23	650	
MASW 92	0,0	5,0	5	170	377
	5,0	10,0	5	230	
	10,0	18,0	8	600	
	18,0	30,0	12	800	

MASW 93	0,0	3,0	3	100	367
	3,0	7,0	4	200	
	7,0	12,0	5	300	
	12,0	18,0	6	400	
	27,0	26,0	8	500	
	26,0	30,0	4	700	
MASW 94	0,0	7,0	7	150	243
	7,0	30,0	23	300	
MASW 95	0,0	3,0	3	150	571
	3,0	7,0	4	350	
	7,0	12,0	5	450	
	12,0	18,0	6	600	
	18,0	30,0	12	800	
MASW 96	0,0	6,0	6	200	335
	6,0	13,0	7	300	
	13,0	19,0	6	400	
	19,0	29,0	10	500	
	29,0	30,0	1	800	
MASW 97	0,0	7,0	7	200	323
	7,0	17,0	10	350	
	17,0	26,0	9	400	
	26,0	30,0	4	600	
MASW 98	0,0	2,0	2	140	314
	2,0	15,0	13	250	
	15,0	22,0	7	400	
	22,0	26,0	4	600	
	26,0	30,0	4	800	
MASW 99	0,0	3,0	3	170	433
	3,0	12,0	9	400	
	12,0	18,0	6	500	
	18,0	23,0	5	600	
	23,0	30,0	7	800	
MASW 100	0,0	9,0	9	150	284
	9,0	12,0	3	220	
	12,0	18,0	6	350	
	18,0	30,0	12	800	
MASW 101	0,0	4,0	4	250	509
	4,0	8,0	4	400	
	8,0	19,0	11	600	
	19,0	24,0	5	700	
	24,0	30,0	6	800	
MASW 102	0,0	3,5	3,5	180	549
	3,5	8,5	5	600	
	8,5	30,0	21,5	800	
MASW 103	0,0	4,0	4	150	337
	4,0	10,0	6	250	
	10,0	17,0	7	400	
	17,0	23,0	6	550	
	23,0	30,0	7	700	
MASW 104	0,0	3,0	3	130	326
	3,0	14,0	11	330	
	14,0	30,0	16	450	
MASW 105	0,0	2,5	2,5	160	430
	2,5	6,5	4	300	
	6,5	11,5	5	400	
	11,5	22,5	11	600	
	22,5	30,0	7,5	750	
MASW 106	0,0	4,0	4	200	425
	4,0	13,0	9	400	
	13,0	17,0	4	500	
	17,0	25,0	8	600	
	25,0	30,0	5	740	

MASW 107	0,0	4,0	4	200	540
	4,0	6,0	2	400	
	6,0	9,0	3	700	
	9,0	30,0	21	800	
MASW 108	0,0	4,5	4,5	150	396
	4,5	10,0	5,5	300	
	10,0	12,0	2	450	
	12,0	15,0	3	700	
	15,0	30,0	15	800	

PROVE SISMICHE A RIFRAZIONE

N.	Località	Vp1	Sp1	Vp2	Sp2	Vp3	Sp3
1	Preturo	322	4	895			n.d.
2	Preturo	416	2	750			n.d.
3	Preturo	213	1	430	9	1400	n.d.
4	Preturo	295	8,5	621			n.d.
5	Preturo	315	11,5	833			n.d.
6	Preturo	217	1	314	10	942	n.d.
7	Preturo	235	1	500	12	1200	n.d.
8	Preturo	263	1	382	6	777	n.d.
9	Preturo	265	3	390	850	540	n.d.
10	Preturo	280	1	442	7	800	n.d.
11	Preturo	213	4	385	11	1088	n.d.
12	Preturo	256	1	400	5	795	n.d.
13	Preturo	215	1	438	7	820	n.d.
14	Preturo	327	5	540			n.d.
15	Preturo	286	1	526			n.d.
16	Preturo	315	4,5	480			n.d.
17	Piano	360	5	647			n.d.
18	Piano	346	5	584			n.d.
19	Piano	340	6	580			n.d.
20	Piano	188	1	343	6	581	n.d.
21	Piano	189	1	429	6,5	720	n.d.
22	Piano	171	1	450	4,5	636	n.d.
23	Piano	174	1	302	8	1111	n.d.
24	Piano	392	6	820			n.d.
25	Piano	256	1	574			n.d.
26	Piano	315	4,5	480			n.d.
27	Piazza di Pandola	354	4	659			n.d.
28	Piazza di Pandola	351	5	588			n.d.
29	Piazza di Pandola	200	1	339	6	601	n.d.
30	Piazza di Pandola	171	1	479	5	645	n.d.
31	Piazza di Pandola	390	6	807			n.d.
32	Piazza di Pandola	182	1	430	8,5	1240	n.d.
33	Piazza di Pandola	250	1	444	7	800	n.d.
34	Piazza di Pandola	266	1	382	6	850	n.d.
35	Piazza di Pandola	338	6	643			n.d.
36	Piazza di Pandola	327	6	714			n.d.
37	Piazza di Pandola	365	6	807			n.d.
38	Piazza di Pandola	312	3	833			n.d.
39	Piazza di Pandola	465	5,6	909			n.d.
40	Piazza di Pandola	333	6	700			n.d.
41	Piazza di Pandola	379	7	900			n.d.
42	Piazza di Pandola	330	5,6	771			n.d.
43	Piazza di Pandola	315	4,5	480			n.d.
44	Borgo	374	6	905			n.d.
45	Borgo	388	2,5	920	8,5	1684	n.d.
46	Borgo	338	3	847			n.d.
47	Borgo	488	5	833			n.d.
48	Borgo	339	6	729			n.d.
49	Borgo	571	2	1120	5	1567	n.d.
50	Borgo	470	5,5	727			n.d.
51	Borgo	412	2	933	7	3170	n.d.
52	Borgo	235	3,5	1397			n.d.
53	Borgo	315	4,5	480			n.d.
54	San bartolomeo - Figlioli	274	1	410	5	653	n.d.
55	San bartolomeo - Figlioli	809	3	1097			n.d.
56	San bartolomeo - Figlioli	233	2	421	8	876	n.d.
57	San bartolomeo - Figlioli	356	7	950			n.d.
58	San bartolomeo - Figlioli	280	1	370	4,5	541	n.d.
59	San bartolomeo - Figlioli	315	4,5	480			n.d.
60	San bartolomeo - Figlioli	555	2	670			n.d.
61	San bartolomeo - Figlioli	368	7,5	1117			n.d.
62	San bartolomeo - Figlioli	375	2	476	8	748	n.d.
63	San bartolomeo - Figlioli	216	4	525			n.d.

PROVE SISMICHE IN FORO DOWN - HOLE

N.	Sondaggio	Vs1	Sp1	Vs2	Sp2	Vs3	Sp3
1	12	95	4,5	244	7,5	652	6
2	10	62	3,5	250	16,5		
3	5	86	5	250	2	591	13
4	14	118	6,5	294	13,5		
5	1	279	7	382	7	541	6